

[54] INPUT INTEGRATED FLAT PANEL
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[56] References Cited

U.S. PATENT DOCUMENTS

4,070,710 1/1978 Sukonick et al. 340/724
4,232,311 11/1980 Agenta 340/703
4,419,661 12/1983 Hetsugi 340/707
4,451,895 5/1984 Sliwowski 340/712
4,521,870 6/1985 Babbel et al. 340/712

FOREIGN PATENT DOCUMENTS

0049781 4/1980 Japan 178/18

OTHER PUBLICATIONS

L. Kool—"The Scribophone: A Graphic Telecommu-
nication System"—Philips Telecommunication Re-
view, vol. 38, No. 1, Jan./1980—pp. 7-10.G. P. Torok—"Electronic Blackboard Have Chalk Will
Travel"—Bell Telephone Laboratories, Incor-
porated—1977 International Conference on Commu-
nication—Jan./1977—pp. 19.1-22-19.1-25.*Primary Examiner*—Gerald L. Brigrance*Assistant Examiner*—Mahmoud Fatahi-Yar*Attorney, Agent, or Firm*—Antonelli, Terry & Wands

[57]

ABSTRACT

A system using an input integrated flat panel display of an integrated structure, having an input device for inputting through handwriting characters, graphics, or points and a flat panel display laid upon the input device for displaying in accordance with an input point data input through handwriting. The frame memory of a large screen having a display screen larger than that of the flat panel display is arranged to be read out through the input device of the input integrated flat panel display. In addition, the readout contents of the large screen frame memory is arranged to be copied onto the flat display of the input integrated flat panel display. The input integrated flat panel display system can improve the man-machine performance while the amateur end user performs document processings, graphic processings and the like.

12 Claims, 24 Drawing Figures

